

C1
-- This application is a continuation of application serial no. 08/801,795
filed Feb. 14, 1997, issued as U.S. Patent 5,855,578, which in
turn was a continuation of application serial no. 08/485,821, filed June 6,
1995, now abandoned, and which in its turn was a continuation-in-part
application of application serial no. 07/492,717, filed March 13, 1990,
issued as U.S. Patent 5,122,136. --

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In the Claims

C2
1 25. (once amended) A method for forming an occlusion within a body
2 cavity comprising the steps of:
3 disposing a wire near an opening into said cavity;
4 disposing a distal tip of said wire into said cavity to pack said cavity to
5 mechanically form said occlusion within said cavity about said distal tip; and
6 detaching said distal tip from said wire to leave said distal tip within said
7 cavity without applying any force by said distal tip to any surface within said body
8 cavity.
9 whereby said cavity is occluded by said distal tip.

C3
1 5 29. (once amended) A method for forming an occlusion within a cavity
2 comprising the steps of:
3 disposing a wire near an opening into said cavity;

4 disposing a distal tip of said wire into said cavity to pack said cavity
5 to mechanically form said occlusion within said cavity about said distal tip,
6 and

7 detaching said distal tip from said wire to leave said distal tip within
8 said cavity without applying any force by said distal tip to any surface
9 within said cavity,

10 where said step of disposing said tip into said [vascular] cavity to
11 pack said cavity comprises the step of disposing a tip having a plurality of
12 filaments extending therefrom to pack said cavity,

13 whereby said [vascular] cavity is occluded by said distal tip.

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30. (once amended) A wire for use in formation of an occlusion within a
cavity used in combination with a catheter ^{comprising} ~~composing~~ a core wire having a ^{tip portion} distal
end; and a detachable elongate tip portion extending said core wire adapted to
being packed into said [vascular] cavity to form said occlusion in said cavity, said
detachable elongate tip portion being temporarily coupled to said distal end of
said core wire and detachable from said core wire without applying any force by
7 said distal tip to any surface within said body cavity, whereby occlusion of said
8 cavity can be performed.

C4
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34. (once amended) A wire for use in formation of an occlusion within a
cavity used in combination with a catheter comprising:
a core wire having a distal end; and a detachable elongate tip portion
extending from said core wire and adapted to being packed into said cavity to
form said occlusion in said cavity, said detachable elongate tip portion being
temporarily coupled to said distal end of said core wire and detachable from said